

City of Akron
Water Pollution Control Station
OPERATION DATA SUMMARY

	<u>2010</u>	<u>2011</u>	<u>2012</u>
MIN. flow rate, Wastewater Treated, MGD	27	30	31
MAX. flow rate, Wastewater Treated, MGD	274	285	275
AVG. flow, Wastewater Treated, MGD	70.03	92.27	71.32
Total Wastewater Treated, MG	25,564	33,698	26,113
Total Raw Wastewater Bypassed, MG	0	0	0
Total Secondary Wastewater Bypassed, MG	301.9	1697.7	673.2
Precipitation Inches (AWPCS)	36.0	59.1	40.8
Raw Wastewater SS Daily AVG. Tons	51.08	50.11	47.75
Raw Wastewater SS Daily AVG. mg/L	175	130	161
Final Effluent SS Daily AVG. mg/L	5.5	5.6	5.7
Percent Removal SS Raw-to-Final	96.9	95.7	96.5
Raw Wastewater CBOD Daily AVG. Tons	31.86	32.42	28.80
Raw Wastewater CBOD Daily AVG. mg/L	109	84	97
Final Effluent CBOD Daily AVG. mg/L	<2.9	<2.9	<2.8
Percent Removal CBOD Raw-to-Final	>97.1	>96.4	97.0
Raw Phosphorus Daily AVG, mg/L	2.74	2.10	2.57
Final Effluent P Daily AVG. mg/L	0.42	0.48	0.59
Percent Removal P Raw-to-Final	84.5	77.2	76.9
Total Blended Sludge Produced, Th. Dry Tons +	12.13	11.64	11.11
Total Daily Avg. Sludge Produced, Dry Tons +	33.23	31.89	30.43
% Primary Sludge in Total Blend	54.8	56.1	58.1
% Secondary Sludge in Total Blend	45.2	43.9	41.9
Compost Product Shipped, Th. Cubic Yards	69.1	89.1	23.9
TOTAL COST OF TREATMENT	\$11,934,004.00	\$12,121,716.41	\$13,123,004.85
COST PER MILLION GALLONS	\$466.82	\$359.71	\$502.55

Where a "<" or ">" symbol is shown, an MDL was included in the calculation of the average.

+ Based on Primary and Secondary Sludge Thickening Process Production

Note: Sheet calculations are derived from yearly averages and data from this page only.

MG = Million Gallons, SS = Suspended Solids, CBOD = Carbonaceous Biochemical Oxygen Demand, P = Phosphorus